Participant Questionnaire

Participant number:	Date:
Location: Brescia, IT	
HRC Study / Algorithms tested: HAMP, STAP-PPF	
Study Conducted by:	
Study Conducted by:	

Participant link lengths/dimensions: (meters, "spine" is pelvis to shoulder midpoint, "shoulders" is shoulder to shoulder)

Spine	
Neck	
Shoulders	.37

Left Upper Arm	.29
Left Forearm	.26

Right Upper Arm	-33	
Right Forearm	.26	

Participant joint diameter: (meters)

Left Elbow	010
Left Wrist	.063

Right Elbow	,096
Right Wrist	2065

Questions:

- A. How safe did you feel? (0 is not safe at all, 5 is neutral, 10 is very safe)
- B. Do you think the robot hindered your motions during the task? (0 is robot completely prevented your motions, 5 is neutral, 10 is robot did not impede you motion)
- C. Did the robot perform logical motions? (0 is robot motions made no sense to you, 5 is neutral, 10 is robot motions made sense to you)
- D. What is your overall satisfaction with the HRC task? (0 is you would not work in this HRC cell again, 5 is neutral, 10 is you enjoyed working in this cell with the robot)

Participant number: 7 Date: 29/6/23

For Task 1 (engine parts): (circle your answer to each question)

Task 1, Me	ethod 1:				*	Till				
Question	A: (0 is not	safe at all, 5	is neutral,	10 is very	safe)					
0	1	2	3	4	5	6	7	8	9	10
Question	B: (0 is rob	ot complete	ly prevente	d your mo	otions, 5 is n	eutral, 10 i	s robot did	not impede	e you motic	on)
0	1	2	3	4	5	6	7	8	9	10
Question	C: (0 is rob	ot motions r	made no se	nse to you	ı, 5 is neutra	al, 10 is rob	ot motions	made sens	e to you)	
0	1	2	(3)	4	5	6	7	8	9	10
Question D): (0 is you v	would not wo	rk in this HR	C cell again,	, 5 is neutral,	10 is you er	njoyed worki	ng in this ce	ll with the ro	bot)
0	1	2	3	4	(5)	6	7	8	9	10
0 Question 0 Question D	1 C: (0 is rob 1	2 ot motions r 2	③ made no se	4 nse to you 4 C cell again	5 1, 5 is neutra 5	6 al, 10 is rob 6 10 is you er	7 ot motions 7	8 made sens 8 ng in this ce	9 e to you) 9	10 10 obot)

Task 1, Mo	ethod 2:				-						
Question	A: (0 is not	safe at all, 5	is neutral	, 10 is very	safe)		_				
0	1	2	3	4	5	6	7	8	9	10	
Question B: (0 is robot completely prevented your motions, 5 is neutral, 10 is robot did not impede you motion)											
0	1	2	3	4	5	6	7	8	9	10	
Question	C: (0 is rob	ot motions r	nade no se	ense to you	ı, 5 is neutr	al, 10 is rob	ot motions	made sens	e to you)		
0	1	(2)	3	4	5	6	7	8	9	10	
Question D: (0 is you would not work in this HRC cell again, 5 is neutral, 10 is you enjoyed working in this cell with the robot)											
0	1	2	3	4	5	6	7	8	9	10	

Task 1, Me	ethod 3:	13 44								7		
Question A: (0 is not safe at all, 5 is neutral, 10 is very safe)												
0	1	2	3	4	5	6	7	(8)	9	10		
Question	Question B: (0 is robot completely prevented your motions, 5 is neutral, 10 is robot did not impede you motion)											
0	1	2	3	4	(5)	6	7	8	9	10		
Question	C: (0 is rob	ot motions	made no se	ense to you	, 5 is neutra	ıl, 10 is robo	t motions	made sense	e to you)			
0	1	2	3	(4)	5	6	7	8	9	10		
Question D	Question D: (0 is you would not work in this HRC cell again, 5 is neutral, 10 is you enjoyed working in this cell with the robot)											
0	1	2	3	4	5	6	7	8	9	10		

Comments: RESEARCH EXPERIENCE ON RESERVES 10 YEARS

THE HOVEHENTS WHICH HINTERS ROSS ARE THE DUES WHEN THE ROSST ENTERS

PND FORTS FROM THE FIELD OF WIEW (EXPECTALLY OVER THE HEAD)

	Z		
Participant number:	1	Date:	

For Task 2 (Sharework parts: metal tabs, cylinders, pallets): (circle your answer to each question)

Task 2, M	ethod 1:				- App							
Question A: (0 is not safe at all, 5 is neutral, 10 is very safe)												
0	1	2	3	4	5	6	\bigcirc	8	9	10		
Question	B: (0 is rob	ot complete	ely prevente	ed your mo	tions, 5 is ı	neutral, 10	is robot did	not imped	e you motic	on)		
0	1	2	3	4	5	6	7	8	9	10		
Question	C: (0 is rob	ot motions	made no se	nse to you	, 5 is neutr	al, 10 is rob	ot motions	made sens	se to you)			
0	1	2	3	4	5	6	O	8	9	10		
Question D	Question D: (0 is you would not work in this HRC cell again, 5 is neutral, 10 is you enjoyed working in this cell with the robot)											
0	1	2	3	4	5	(5)	7	8	9	10		

Task 2, M	ethod 2:		1		1						
Question	A: (0 is not	safe at all,	5 is neutral	l, 10 is very	safe)				9		
О	1	2	3	4	5	6	7	3	9	10	
Question	B: (0 is rob	ot complete	ely prevent	ed your mo	otions, 5 is r	neutral, 10 i	s robot did	not impede	you moti	on)	
0	1	2	3	4	5	6	7	8	9	(10)	
Question	C: (0 is robo	ot motions	made no se	ense to you	ı, 5 is neutr	al, 10 is rob	ot motions	made sense	e to you)		
0	1	2	3	4	5	6	7	8	9	10	
Question [Question D: (0 is you would not work in this HRC cell again, 5 is neutral, 10 is you enjoyed working in this cell with the robot)										
0	1	2	3	4	5	6	7	8	9	10	

Task 2, M	ethod 3:									
Question	A: (0 is not	safe at all,	5 is neutra	, 10 is very	safe)					
0	1	2	3	4	5	6	7	8	9	10
Question B: (0 is robot completely prevented your motions, 5 is neutral, 10 is robot did not impede you motion)										
0	1	2	3	4	5	6	7	8	9	10
Question C: (0 is robot motions made no sense to you, 5 is neutral, 10 is robot motions made sense to you)										
0	1	2	3	4	5	6	7	8	9	10
Question D: (0 is you would not work in this HRC cell again, 5 is neutral, 10 is you enjoyed working in this cell with the robot)										
0	1	2	3	4	5	6	\bigcirc	8	9	10

Comments:

	7		
Participant number: _		Date:	